A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 66 **For Week Ended** December 13, 1985 **NO.** 50

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/13/85	Last Week Ending: 12/06/85	Last Year Week Ending: 12/14/84	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,692	12,791	12,045	-99	647
Operable capacity	15,638	15,638	16,074	0	-436
Percent operated	81.2	81.8	74.9		
Motor Gasoline					
Total motor gasoline production	6,789	6,392	6,535	397	254
Finished leaded motor gasoline production	2,361	2,222	2,437	139	-76
Finished unleaded motor gasoline production	4,428	4,170	4,098	258	330
Total motor gasoline stocks	219,385	219,592	241,284	-207	-21,899
Finished leaded motor gasoline stocks	76,316	74,051	89,563	2,265	-13,247
Finished unleaded motor gasoline stocks	108,190	110,254	111,093	-2,064	-2,903
Distillate Fuel Oil					
Distillate fuel oil production	3,041	3,157	2,696	-116	345
Distillate fuel oil stocks	141,345	142,396	153,391	-1,051	-12,046
Residual Fuel Oil					
Residual fuel oil production	977	988	942	-11	35
Residual fuel oil stocks	48,801	48,551	51,529	250	-2,728
Imports					
Crude oil imports	3,472	4,440	2,965	-968	507
Product imports	1,918	1,636	2,152	282	-234
Crude Oil Stocks					
Crude oil stocks	318,523	322,250	346,368	-3,727	-27,845

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,216	1,075	1,091	1,484	73.5
Appal. No. 1	131	123	123	114	107.9
DISTRICT 1 TOTAL	1,347	1,198	1,214	1,598	76.0
Appal. No. 2	68	65	65	66	98.5
Ind., Ill., Ky.	1,848	1,714	1,731	2,175	79.6
Minn., Wis., Daks.	305	289	290	301	96.3
Okla., Kans., Mo.	691	650	656	714	91.9
DISTRICT 2 TOTAL	2,912	2,718	2,742	3,256	84.2
Inland Texas	569	461	518	547	94.7
Texas Gulf Coast	3,375	2,868	2,998	3,706	80.9
La. Gulf Coast	2,456*	2,253*	2,270*	2,617	86.7*
N. La. and Ark.	188	178	182	256	71.1
New Mexico	87	65	65	68	95.6
DISTRICT 3 TOTAL	6,675*	5,825*	6,033*	7,194	83.9*
DISTRICT 4 TOTAL	442	423	426	575	74.1
DISTRICT 5 TOTAL	2,316	2,275	2,277	3,015	75.5
TOTAL U.S.	13,692	12,439	12,692	15,638	81.2
TOTAL U.S.					
Weeks Ended:					
DEC. 6, 1985	13,821*	12,627*	12,791*	15,638	81.8*
DEC. 14, 1984	12,980	11,870	12,045	16,074	74.9
DISTRICTS 1-4					
Weeks Ended:					
DEC. 13, 1985	11,376	10,164	10,415	12,623	82.5
DEC. 6, 1985	11,383*	10,351*	10,515*	12,623	83.3*
DEC. 14, 1984	10,559	9,612	9,779	12,920	75.7

*See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 13, 1985

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	621	151	470	16	49	273	141
Appal. No. 1	43	21	22	--	--	37	3
DISTRICT 1 TOTAL	664	172	492	16	49	310	144
Appal. No. 2	41	13	28	--	--	21	3
Ind., Ill., Ky.	1,048	305	743	12	103	410	98
Minn., Wis., Daks.	150	57	93	3	14	79	12
Okla., Kans., Mo.	402	218	184	--	34	205	6
DISTRICT 2 TOTAL	1,641	593	1,048	15	151	715	119
Inland Texas	311	143	168	32	33	105	25
Texas Gulf Coast	1,700	667	1,033	33	245	766	167
La. Gulf Coast	1,151*	347*	804*	35	297	552*	130*
N. La. and Ark.	57	20	37	5	--	54	11
New Mexico	36	16	20	10	2	14	--
DISTRICT 3 TOTAL	3,255*	1,193*	2,062*	115	577	1,491*	333*
DISTRICT 4 TOTAL	216	115	101	15	23	113	10
DISTRICT 5 TOTAL	1,013	288	725	56	238	412	371
TOTAL U.S.	6,789	2,361	4,428	217	1,038	3,041	977
TOTAL U.S. Weeks Ended:							
DEC. 6, 1985	6,392*	2,222*	4,170*	166	1,138	3,157*	988*
DEC. 14, 1984	6,535	2,437	4,098	274	925	2,696	942
DISTRICTS 1-4 Weeks Ended:							
DEC. 13, 1985	5,776	2,073	3,703	161	800	2,629	606
DEC. 6, 1985	5,527*	1,922*	3,605*	130	884	2,719*	591*
DEC. 14, 1984	5,461	2,071	3,390	201	682	2,357	562

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 8.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended December 13, 1985

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,530	1,905	3,624	1	212	599	9,177	797	--
Central Atlantic	31,341	9,631	17,374	4,336	287	5,166	32,784	17,566	12,502
Lower Atlantic	27,533	10,268	17,009	256	324	3,953	17,231	3,775	484
DISTRICT 1 TOTAL	64,404	21,804	38,007	4,593	823	9,718	59,192	22,138	12,986
DISTRICT 2 TOTAL	58,397	23,207	28,608	6,582	1,083	8,720	35,733	3,597	17,674
DISTRICT 3 TOTAL	64,256	20,485	28,973	14,798	2,440	12,834	31,949	13,010	54,296
DISTRICT 4 TOTAL	6,446	2,633	2,026	1,787	407	680	3,126	449	2,470
DISTRICT 5 TOTAL	25,882*	8,187	10,576*	7,119	1,737	4,364	11,345	9,607	22,672
TOTAL U.S.	219,385	76,316	108,190	34,879	6,490	36,316	141,345	48,801	110,098
TOTAL U.S.									
Weeks Ended:									
DEC. 6, 1985	219,592*	74,051	110,254*	35,287	6,297	38,412	142,396	48,551	109,568
DEC. 14, 1984	241,284	89,563	111,093	40,628	7,440	37,726	153,391	51,529	103,409
DISTRICTS 1-4									
Weeks Ended:									
DEC. 13, 1985	193,503	68,129	97,614	27,760	4,753	31,952	130,000	39,194	87,426
DEC. 6, 1985	192,680	65,980	98,461	28,239	4,454	33,709	130,581	38,757	87,353
DEC. 14, 1984	212,186	80,121	99,445	32,620	5,656	31,857	141,711	42,699	78,785

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

*See Revisions on Page 8.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended December 13, 1985

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1985	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
DEC. 13, 1985	5,943.5	5,905.0	3,297	548	243,678
DEC. 6, 1985	5,945.5*	--	4,338*	588	243,131
NOV. 29, 1985	5,945.5*	--	2,341	445	236,525
NOV. 22, 1985	5,945.5*	--	3,878	488	236,511
DISTRICT 5 TOTAL					
DEC. 13, 1985	3,001.8	2,969.0	175	12	74,845 ♦
DEC. 6, 1985	2,955.2*	--	102	7	79,119
NOV. 29, 1985	2,955.2*	--	163	7	78,250
NOV. 22, 1985	2,955.2*	--	21	--	76,778
TOTAL U.S.					
DEC. 13, 1985	8,945.3	8,874.0	3,472	560	318,523 ♦
DEC. 6, 1985	8,900.7*	--	4,440*	595	322,250
NOV. 29, 1985	8,900.7*	--	2,504	452	314,775
NOV. 22, 1985	8,900.7*	--	3,899	488	313,289
DEC. 14, 1984	8,897.0/a	--	2,965	293	346,368

♦INCLUDES 22,193 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for December 1984.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
DEC. 13, 1985	14,944	66,167	150,600	11,967	243,678	74,845 ♦	318,523 ♦
DEC. 6, 1985	16,235	66,715	147,922	12,259	243,131	79,119	322,250
DEC. 14, 1984	14,822	76,394	156,243	14,064	261,523	84,845	346,368

[1]See definitional notes, Page 6

*See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	46	--	46	--	--	--	--	--	--	--	46
Central Atlantic	134	30	104	--	35	277*	593*	14	107	45	1,205
Lower Atlantic	--	--	--	--	--	--	59	--	--	--	59
DISTRICT 1 TOTAL											
DEC. 13, 1985	180	30	150	--	35	277	652	14	107	45	1,310
DEC. 6, 1985	316	108	208	5	34	263*	244*	27	69	59	1,017
NOV. 29, 1985	296	57	239	--	40	303	657	53	87	50	1,486
NOV. 22, 1985	381	53	328	6	61	303	351	12	124	22	1,260
DISTRICTS 2-4 TOTAL											
DEC. 13, 1985	27	5	22	--	--	4	38	186	168	89	512
DEC. 6, 1985	39	10	29	--	--	6	28	150	251	44	518
NOV. 29, 1985	32	7	25	--	--	6	43	96	322	128	627
NOV. 22, 1985	35	9	26	--	--	73	12	134	410	19	683
DISTRICT 5 TOTAL											
DEC. 13, 1985	56	12	44	--	8	7	12	5	4	4	96
DEC. 6, 1985	35	18	17	--	8	11	9	5	5	28	101
NOV. 29, 1985	65	16	49	--	16	12	14	2	6	18	133
NOV. 22, 1985	29	15	14	--	10	10	4	8	5	5	71
TOTAL U.S.	263	47	216	--	43	288	702	205	279	138	1,918
TOTAL U.S. Weeks Ended:											
DEC. 6, 1985	390	136	254	5	42	280*	281*	182	325	131	1,636
NOV. 29, 1985	393	80	313	--	56	321	714	151	415	196	2,246
NOV. 22, 1985	445	77	368	6	71	386	367	154	539	46	2,014
DEC. 14, 1984	527	277	250	32	33	199	711	202	101	347	2,152

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil. *See Revisions on Page 8.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England — Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic — New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic — Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

	API Estimated Production		Dept of Energy
	November 1985	October 1985	July 1985
Florida	36.0	37.0	29.0
New York-Pennsylvania	14.0	14.0	14.0
Virginia	-	-	-
West Virginia	10.0	10.0	8.0
Illinois	83.0	84.0	81.0
Indiana	15.0	16.0	17.0
Kansas	209.0	211.5	201.0
Kentucky	21.0	22.0	23.0
Michigan	82.0	82.0	76.0
Missouri-Tennessee	3.0	3.0	3.0
Nebraska	19.0	19.0	19.0
Ohio	41.0	41.0	41.0
Oklahoma	440.0	445.0	432.0
North Dakota	142.0	144.0	140.0
South Dakota	4.0	4.0	4.0
Alabama	58.0	58.0	60.0
Arkansas	53.0	56.0	51.0
Mississippi	84.0	85.0	84.0
New Mexico-So. East	192.0	193.5	190.0
New Mexico-Other	20.5	19.0	20.0
North Louisiana	85.0	85.0	85.0
South Louisiana	1,347.0	1,344.0	1,334.0
Total Louisiana	1,432.0	1,429.0	1,419.0
Texas			
District 1	71.0	71.0	73.0
District 2	106.0	106.0	108.0
District 3	320.0	325.0	320.0
District 4	79.0	79.0	82.0
District 5	24.0	23.0	26.0
District 6, East Texas Field	129.0	129.0	127.0
Other	114.0	116.0	110.0
District 7-B	99.0	99.0	102.0
District 7-C	100.0	100.0	102.0
District 8 and 8-A	1,178.0	1,167.0	1,197.0
District 9	109.0	109.0	109.0
District 10	56.0	56.0	56.0
Total Texas	2,385.0	2,380.0	2,412.0
Colorado	80.0	80.0	77.0
Montana	82.0	83.0	78.0
Utah	105.0	105.0	89.0
Wyoming	335.0	336.0	337.0
Total Dists. 1-4	5,945.5	5,957.0	5,905.0
Alaska	1,791.2	1,846.0	1,809.0
Arizona	1.0	1.0	-
California	1,155.0	1,149.0	1,151.0
Nevada	8.0	8.0	9.0
Total Dist. 5	2,955.2	3,004.0	2,969.0
Total U.S.	8,900.7	8,961.0	8,874.0

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 13, 1985

REVISIONS

12/06/85	PAGE 1	TOTAL REFINERY INPUT	LA. GULF COAST	2,405
			DISTRICT 3 TOTAL	6,546
			TOTAL U.S.	13,821
			DISTRICTS 1-4	11,383
		CRUDE OIL RUNS	LA. GULF COAST	2,335
			DISTRICT 3 TOTAL	5,902
			TOTAL U.S.	12,627
			DISTRICTS 1-4	10,351
		INPUT TO CRUDE OIL	LA. GULF COAST	2,346
			DISTRICT 3 TOTAL	6,043
			TOTAL U.S.	12,791
			DISTRICTS 1-4	10,515
		% OPERABLE	LA. GULF COAST	89.6
			DISTRICT 3 TOTAL	84.0
			TOTAL U.S.	81.8
			DISTRICTS 1-4	83.3
	PAGE 2	TOTAL MGAS	LA. GULF COAST	1,032
			DISTRICT 3 TOTAL	3,015
			TOTAL U.S.	6,392
			DISTRICTS 1-4	5,527
		LEADED MGAS	LA. GULF COAST	308
			DISTRICT 3 TOTAL	1,020
			TOTAL U.S.	2,222
			DISTRICTS 1-4	1,922
		UNLEADED MGAS	LA. GULF COAST	724
			DISTRICT 3 TOTAL	1,995
			TOTAL U.S.	4,170
			DISTRICTS 1-4	3,605
		DISTILLATE FUEL	LA. GULF COAST	587
			DISTRICT 3 TOTAL	1,512
			TOTAL U.S.	3,157
			DISTRICTS 1-4	2,719
		RESIDUAL FUEL	LA. GULF COAST	141
			DISTRICT 3 TOTAL	369
			TOTAL U.S.	988
			DISTRICTS 1-4	591
	PAGE 3	TOTAL MGAS	DISTRICT 5 TOTAL	26,912
			TOTAL U.S.	219,592
		UNLEADED MGAS	DISTRICT 5 TOTAL	11,793
			TOTAL U.S.	110,254
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,338
			TOTAL U.S.	4,440
	PAGE 5	DISTILLATE (INC. NO. 4)	CENTRAL ATLANTIC	166
			DISTRICT 1 TOTAL	263
			TOTAL U.S.	280

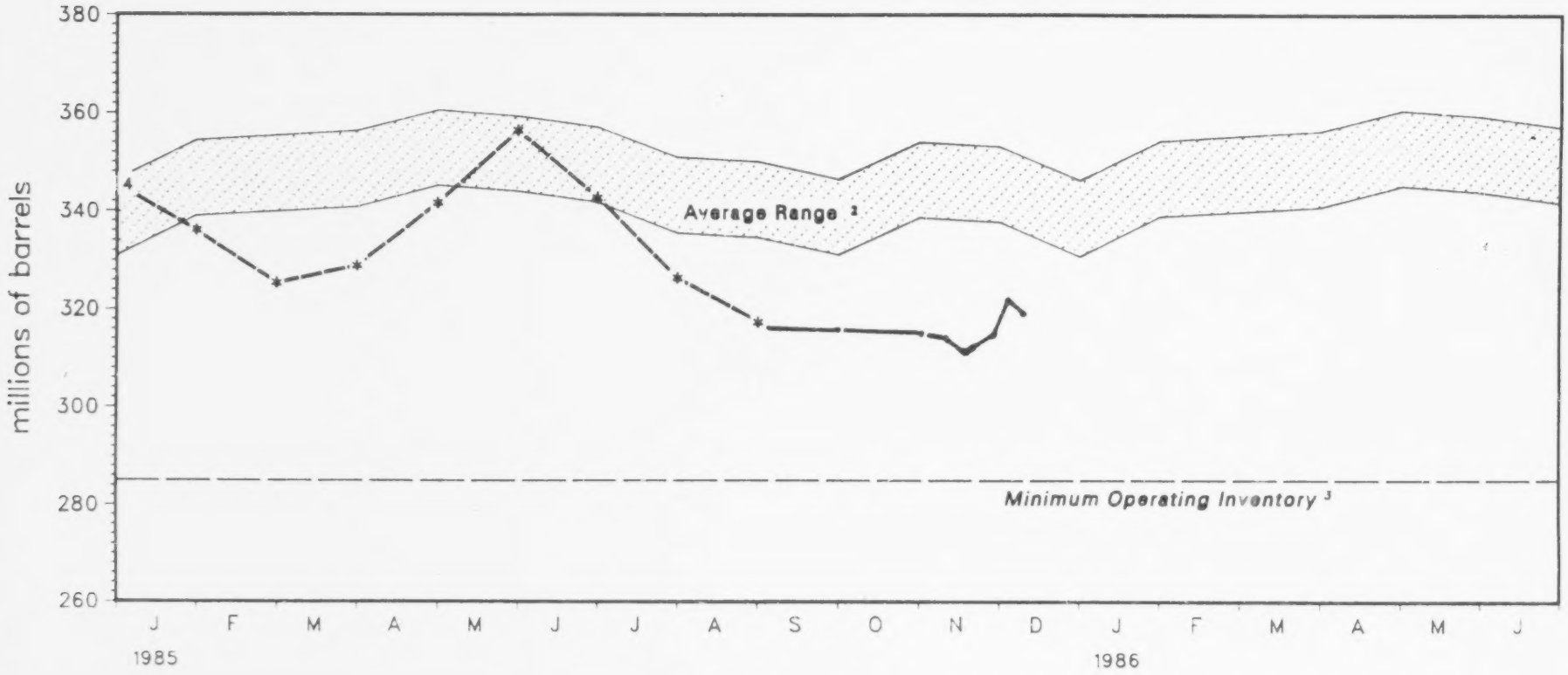
API STATISTICAL BULLETIN
WEEK ENDED: DEC. 13, 1985

REVISIONS

RESIDUAL FUEL	CENTRAL ATLANTIC	135
	DISTRICT 1 TOTAL	244
	TOTAL U.S.	281

Week Ended December 13, 1985

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 - June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 - June 1984.*

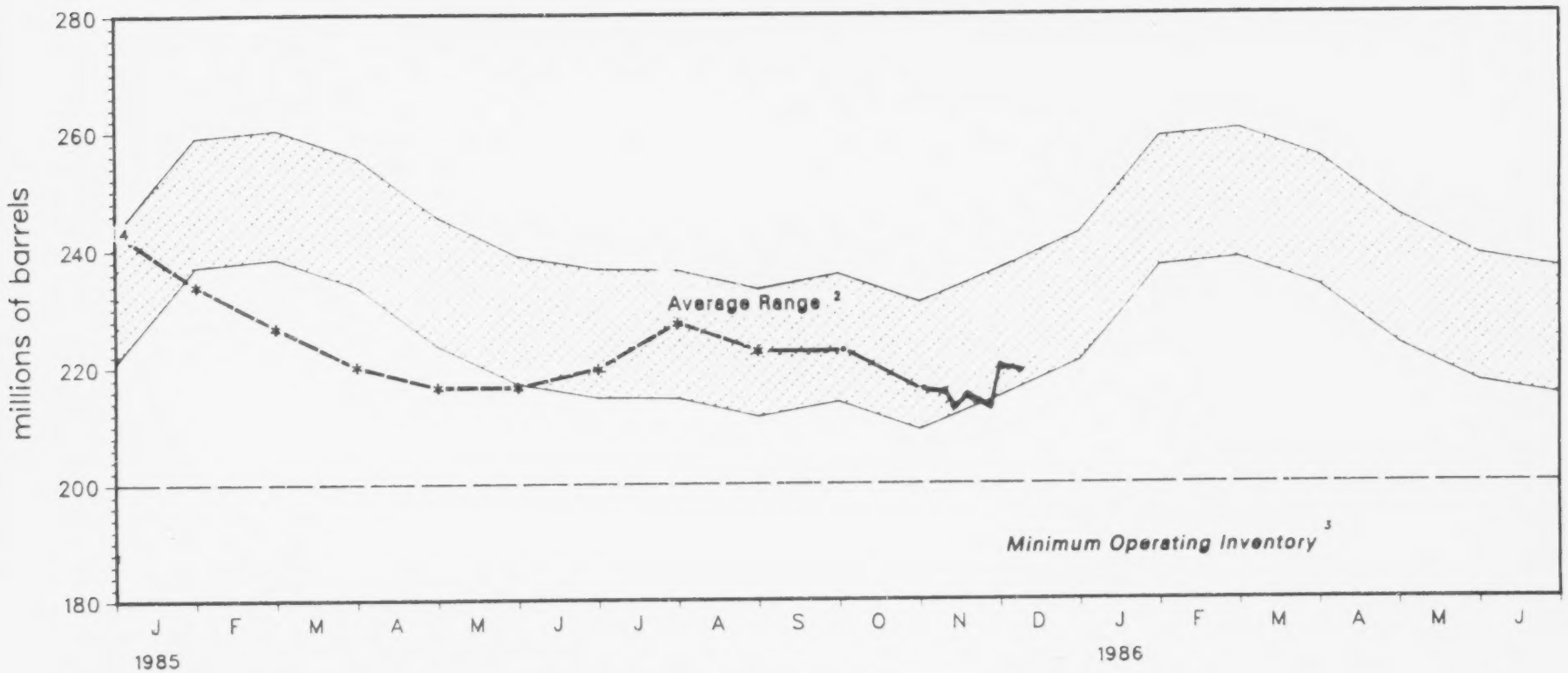
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: *——EIA, Energy Data Reports, Petroleum Statement, Monthly.*
•——API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended December 13, 1985

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on six years of monthly data: July 1978 – June 1984.*

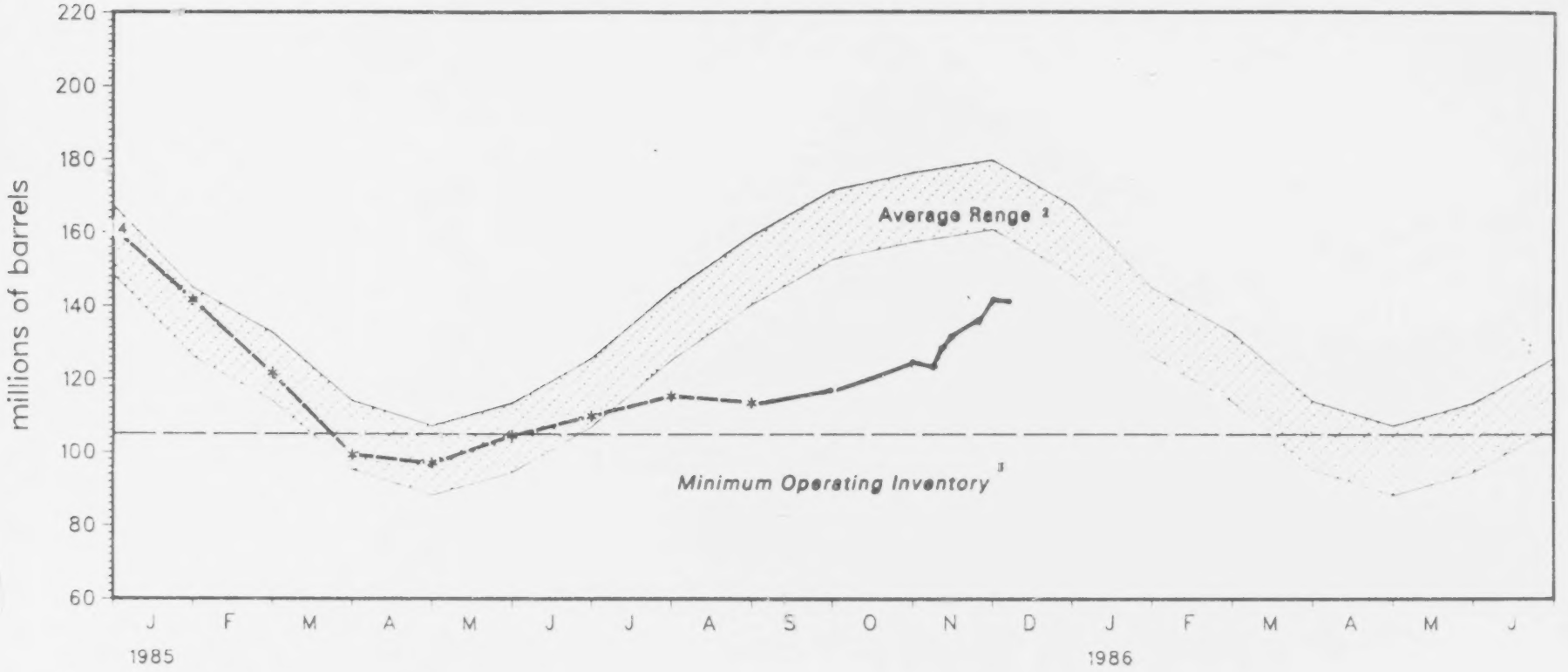
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: *—— EIA, Energy Data Reports, Petroleum Statement, Monthly.*
•—— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended December 13, 1985

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 – June 1984.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: ✱—— EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• —— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*